

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## Method for Improved Cable Modem Ranging in a Data-Over-Cable System

the specification of which is attached hereto unless the following space is checked:

☐ was filed on \_\_\_\_\_ as United States Application Serial Number \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

	<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
1.			
2.			

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

	<u>Application Number</u>	<u>Filing Date</u>
1.		
2.		

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

	<u>Application Number</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
1.			
2.			

I hereby appoint the following attorneys and agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:


Denis A. Berntsen	Reg. No. 26707	George I. Lee	Reg. No. 39269
John J. McDonnell	Reg. No. 26949	James M. McCarthy	Reg. No. 39296
Daniel A. Boehnen	Reg. No. 28399	Monica Grewal	Reg. No. 40056
Bradley J. Hulbert	Reg. No. 30130	Jeremy Noe (agent)	Reg. No. 40104
Paul H. Berghoff	Reg. No. 30243	Sean M. Sullivan	Reg. No. 40191
Grantland G. Drutchas	Reg. No. 32565	Timothy R. Baumann	Reg. No. 40502
Steven J. Sarussi	Reg. No. 32784	Amir N. Penn	Reg. No. 40767
David M. Frischkorn	Reg. No. 32833	Patrick J. Halloran	Reg. No. 41053
James C. Gumina	Reg. No. 32898	Joshua R. Rich	Reg. No. 41269
A. Blair Hughes	Reg. No. 32901	Thomas E. Wettermann	Reg. No. 41523
Thomas A. Fairhall	Reg. No. 34591	Vernon W. Francissen	Reg. No. 41762
Emily Miao	Reg. No. 35285	Robert J. Irvine	Reg. No. 41865
Kevin E. Noonan	Reg. No. 35303	Richard A. Machonkin	Reg. No. 41962
Leif R. Sigmond, Jr.	Reg. No. 35680	David S. Harper	Reg. No. 42636
Lawrence H. Aaronson	Reg. No. 35818	Stephen Lesavich	Reg. No. 43749
Matthew J. Sampson	Reg. No. 35999	Enrique Perez	Reg. No. 43853
Curt J. Whitenack	Reg. No. 36054	Marcus J. Thymian	Reg. No. 43954
Christopher M. Cavan	Reg. No. 36475	S. Richard Carden	Reg. No. 44588
Michael S. Greenfield	Reg. No. 37142	Mark L. Chael (agent)	Reg. No. 44601
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Anthoula Pomrening	Reg. No. 38805		

Address all telephone calls to Lawrence H. Aaronson at (312) 913-0001.

Address all correspondence to MCDONNELL BOEHNEN HULBERT & BERGHOFF, 300 South Wacker Drive, Chicago, Illinois 60606 USA.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Mark O. Vogel

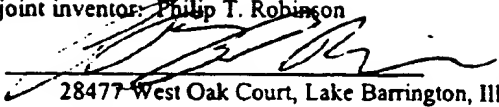
Inventor's signature:  Date: 3/23/00

Residence: 16N912 Prairie Drive, Hampshire, Illinois 60140, U.S.A.

Citizenship: U.S.A.

Post Office Address: 16N912 Prairie Drive, Hampshire, Illinois 60140, U.S.A.

Full name of second joint inventor: Philip T. Robinson

Inventor's signature: 

Date: 3/23/00

Residence:

28477 West Oak Court, Lake Barrington, Illinois 60010, U.S.A.

Citizenship:

U.S.A.

Post Office Address:

28477 West Oak Court, Lake Barrington, Illinois 60010, U.S.A.

RECORDATION FORM COVER SHEET  
PATENTS ONLYDoc. No.: 99,818  
U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Mark O. Vogel  
Philip RobinsonAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: March 23, 2000 and March 27, 2000

## 2. Name and address of receiving party(ies)

Name: JCom Corporation

Address: 5400 Bayfront Plaza

City: Santa Clara State: California

Country: U.S.A. Zip: 95052

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 23, 2000

A. Patent Application No.(s)

Filing Date

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Lawrence H. Aaronson

Registration No.: 35,818

Company Name: McDonnell, Boehnen, Hulbert &amp; Berghoff

Street Address: 300 South Wacker Drive - 32<sup>nd</sup> Floor

City: Chicago State: Illinois

Country: U.S.A. ZIP: 60606

## 6. Total number of applications and patents involved: 1

## 7. Total Fee (37 CFR 3.41).....\$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

13-2490

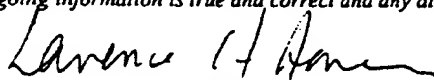
DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Lawrence H. Aaronson

Printed Name of Person Signing



Signature

Date: March 29, 2000

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

## ASSIGNMENT

Case No.: 99,818  
Inventors: Mark O. Vogel and Philip Robinson  
Date of Execution  
of Application:

Serial No.:

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**3Com Corporation, a corporation of the State of Delaware**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**Method for Improved Cable Modem Ranging in a Data-Over-Cable System**

and identified as:

**Case No. 99,818**

in the offices of McDONNELL BOEHNNEN HULBERT & BERGHOF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

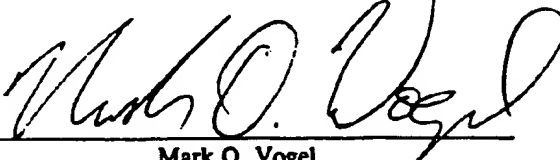
The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted,

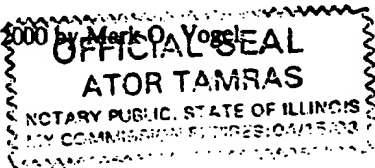
as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 27 day of March, 2000.

  
Mark O. Vogel

State of Illinois  
County of Cook

The foregoing instrument was acknowledged before me this 27<sup>th</sup> day of  
March, 2000 by Mark O. Vogel



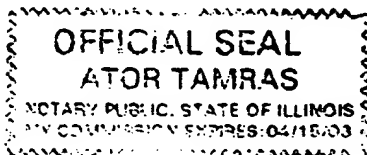
  
NOTARY PUBLIC

WITNESS my hand and seal this 23 day of March, 2000.

  
Philip Robinson

State of Illinois  
County of Cook

The foregoing instrument was acknowledged before me this 23<sup>rd</sup> day of  
March, 2000 by Philip Robinson.



  
NOTARY PUBLIC